

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query                       | DBs                  | Default Operator | Plurals | Time Stamp       |
|-------|------|------------------------------------|----------------------|------------------|---------|------------------|
| S1    | 1    | "5037834".pn.                      | USPAT                | OR               | OFF     | 2009/06/08 17:10 |
| S2    | 4    | "321191".pn.                       | EPO;<br>DERWENT      | OR               | OFF     | 2009/06/08 17:24 |
| S3    | 2    | ((EVA) near2 (CAROFF)).INV.        | US-PGPUB;<br>USPAT   | OR               | OFF     | 2009/06/08 17:34 |
| S4    | 8    | ((MATTHIAS) near2 (STEGER)).INV.   | US-PGPUB;<br>USPAT   | OR               | OFF     | 2009/06/08 17:35 |
| S5    | 4    | ((OLIVER) near2 (VALDENAIRE)).INV. | US-PGPUB;<br>USPAT   | OR               | OFF     | 2009/06/08 17:35 |
| S6    | 6    | ((ANJA) near2 (FECHER)).INV.       | US-PGPUB;<br>USPAT   | OR               | OFF     | 2009/06/08 17:35 |
| S7    | 27   | ((VOLKER) near2 (BREU)).INV.       | US-PGPUB;<br>USPAT   | OR               | OFF     | 2009/06/08 17:35 |
| S8    | 35   | ((KURT) near2 (HILPERT)).INV.      | US-PGPUB;<br>USPAT   | OR               | OFF     | 2009/06/08 17:36 |
| S9    | 6    | ((HEINZ) near2 (FRETZ)).INV.       | US-PGPUB;<br>USPAT   | OR               | OFF     | 2009/06/08 17:36 |
| S10   | 6    | ((THOMAS) near2 (GILLER)).INV.     | US-PGPUB;<br>USPAT   | OR               | OFF     | 2009/06/08 17:36 |
| S11   | 2    | ((EVA) near2 (CAROFF)).INV.        | EPO; JPO;<br>DERWENT | OR               | OFF     | 2009/06/08 17:36 |
| S12   | 4    | ((MATTHIAS) near2 (STEGER)).INV.   | EPO; JPO;<br>DERWENT | OR               | OFF     | 2009/06/08 17:36 |
| S13   | 4    | ((OLIVER) near2 (VALDENAIRE)).INV. | EPO; JPO;<br>DERWENT | OR               | OFF     | 2009/06/08 17:36 |
| S14   | 9    | ((ANJA) near2 (FECHER)).INV.       | EPO; JPO;<br>DERWENT | OR               | OFF     | 2009/06/08 17:37 |
| S15   | 17   | ((VOLKER) near2 (BREU)).INV.       | EPO; JPO;<br>DERWENT | OR               | OFF     | 2009/06/08 17:37 |
| S16   | 19   | ((KURT) near2 (HILPERT)).INV.      | EPO; JPO;<br>DERWENT | OR               | OFF     | 2009/06/08 17:37 |
| S17   | 14   | ((HEINZ) near2 (FRETZ)).INV.       | EPO; JPO;<br>DERWENT | OR               | OFF     | 2009/06/08 17:37 |
| S18   | 5    | ((THOMAS) near2 (GILLER)).INV.     | EPO; JPO;<br>DERWENT | OR               | OFF     | 2009/06/08 17:37 |
| S19   | 1    | "5393760".pn.                      | US-PGPUB;<br>USPAT   | OR               | OFF     | 2009/06/08 17:48 |
| S20   | 1    | "5532232".pn.                      | US-PGPUB;<br>USPAT   | OR               | OFF     | 2009/06/08 17:48 |
| S21   | 1    | "5595999".pn.                      | US-PGPUB;<br>USPAT   | OR               | OFF     | 2009/06/08 17:48 |

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|     |     |                                       |   |    |     |                  |
|-----|-----|---------------------------------------|---|----|-----|------------------|
| S22 | 1   | "5583133".pn.                         | US-PGPUB;<br>USPAT                          | OR | OFF | 2009/06/08 17:49 |
| S23 | 1   | "5763436".pn.                         | US-PGPUB;<br>USPAT                          | OR | OFF | 2009/06/08 17:49 |
| S24 | 1   | "5260307".pn.                         | US-PGPUB;<br>USPAT                          | OR | OFF | 2009/06/08 17:49 |
| S25 | 510 | 514/634.ccls.                         | US-PGPUB;<br>USPAT;<br>USOCR                | OR | OFF | 2009/06/08 18:05 |
| S26 | 189 | S25 and neuro\$8                      | US-PGPUB;<br>USPAT;<br>USOCR                | OR | OFF | 2009/06/08 18:05 |
| S27 | 77  | S26 and (pain or analges\$3)          | US-PGPUB;<br>USPAT;<br>USOCR                | OR | OFF | 2009/06/08 18:06 |
| S28 | 246 | guanidin\$2 same (pain or analges\$3) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2009/06/08 18:17 |
| S29 | 0   | S28 and (neuro near peptid\$2)        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2009/06/08 18:18 |
| S30 | 130 | S28 and (peptid\$2)                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2009/06/08 18:18 |
| S31 | 57  | S30 and @pd <= "20040320"             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2009/06/08 18:19 |
| S32 | 1   | "4624956".pn.                         | US-PGPUB;<br>USPAT;<br>USOCR                | OR | OFF | 2009/06/09 11:06 |
| S33 | 1   | "4716228".pn.                         | US-PGPUB;<br>USPAT;<br>USOCR                | OR | OFF | 2009/06/09 11:07 |
| S34 | 7   | "2206385".pn.                         | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT      | OR | OFF | 2009/06/09 11:09 |
| S35 | 3   | "2002024192".pn.                      | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT      | OR | OFF | 2009/06/09 11:10 |
| S36 | 4   | "2004083218".pn.                      | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT      | OR | OFF | 2009/06/09 11:11 |

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|     |    |                                  |   |    |     |                  |
|-----|----|----------------------------------|---|----|-----|------------------|
| S37 | 7  | "1140387".pn.                    | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT      | OR | OFF | 2009/06/09 11:11 |
| S38 | 6  | "1140387".pn.                    | EPO; JPO;<br>DERWENT                        | OR | OFF | 2009/06/09 11:12 |
| S39 | 0  | "0321191".pn.                    | EPO; JPO;<br>DERWENT                        | OR | OFF | 2009/06/09 11:12 |
| S40 | 4  | "321191".pn.                     | EPO; JPO;<br>DERWENT                        | OR | OFF | 2009/06/09 11:12 |
| S41 | 2  | "20060194788".pn.                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2009/06/15 17:17 |
| S42 | 3  | ((EVA) near2 (CAROFF)).INV.      | US-PGPUB;<br>USPAT                          | OR | OFF | 2009/12/07 11:16 |
| S43 | 8  | ((MATTHIAS) near2 (STEGE)).INV.  | US-PGPUB;<br>USPAT                          | OR | OFF | 2009/12/07 11:17 |
| S44 | 4  | ((OLIVER) near2 (VALDENAI)).INV. | US-PGPUB;<br>USPAT                          | OR | OFF | 2009/12/07 11:17 |
| S45 | 8  | ((ANJA) near2 (FECHER)).INV.     | US-PGPUB;<br>USPAT                          | OR | OFF | 2009/12/07 11:17 |
| S46 | 28 | ((VOLKER) near2 (BREU)).INV.     | US-PGPUB;<br>USPAT                          | OR | OFF | 2009/12/07 11:17 |
| S47 | 37 | ((KURT) near2 (HILPERT)).INV.    | US-PGPUB;<br>USPAT                          | OR | OFF | 2009/12/07 11:17 |
| S48 | 8  | ((HEINZ) near2 (FRETZ)).INV.     | US-PGPUB;<br>USPAT                          | OR | OFF | 2009/12/07 11:18 |
| S49 | 7  | ((THOMAS) near2 (GILLER)).INV.   | US-PGPUB;<br>USPAT                          | OR | OFF | 2009/12/07 11:18 |
| S50 | 2  | ((EVA) near2 (CAROFF)).INV.      | EPO; JPO;<br>DERWENT                        | OR | OFF | 2009/12/07 11:18 |
| S51 | 4  | ((MATTHIAS) near2 (STEGE)).INV.  | EPO; JPO;<br>DERWENT                        | OR | OFF | 2009/12/07 11:18 |
| S52 | 4  | ((OLIVER) near2 (VALDENAI)).INV. | EPO; JPO;<br>DERWENT                        | OR | OFF | 2009/12/07 11:18 |
| S53 | 9  | ((ANJA) near2 (FECHER)).INV.     | EPO; JPO;<br>DERWENT                        | OR | OFF | 2009/12/07 11:19 |
| S54 | 17 | ((VOLKER) near2 (BREU)).INV.     | EPO; JPO;<br>DERWENT                        | OR | OFF | 2009/12/07 11:19 |
| S55 | 19 | ((KURT) near2 (HILPERT)).INV.    | EPO; JPO;<br>DERWENT                        | OR | OFF | 2009/12/07 11:19 |
| S56 | 14 | ((HEINZ) near2 (FRETZ)).INV.     | EPO; JPO;<br>DERWENT                        | OR | OFF | 2009/12/07 11:19 |
| S57 | 5  | ((THOMAS) near2 (GILLER)).INV.   | EPO; JPO;<br>DERWENT                        | OR | OFF | 2009/12/07 11:19 |

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|     |      |                           |                              |    |     |                  |
|-----|------|---------------------------|------------------------------|----|-----|------------------|
| S58 | 2313 | 514/215,301,366,635.ccls. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/12/07 11:30 |
| S59 | 265  | S58 and guanidin\$1       | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/12/07 11:31 |
| S60 | 113  | benzothiazol\$2 and S59   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/12/07 11:31 |
| S61 | 80   | S60 and tetrahydro        | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/12/07 11:31 |
| S62 | 1224 | 548/152,161.ccls.         | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/12/07 11:37 |
| S63 | 90   | S62 and guanidin\$1       | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/12/07 11:37 |
| S64 | 41   | S63 and tetrahydro        | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/12/07 11:38 |
| S65 | 1    | "7544691".pn.             | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/12/07 11:46 |
| S66 | 1    | "6900226".pn.             | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/12/07 11:46 |
| S67 | 1    | "5595999".pn.             | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/12/07 11:47 |
| S68 | 1    | "5583133".pn.             | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/12/07 11:47 |
| S69 | 1    | "5532232".pn.             | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/12/07 11:47 |
| S70 | 1    | "5393760".pn.             | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/12/07 11:48 |
| S71 | 1    | "5260307".pn.             | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/12/07 11:48 |